

Title (en)

AIR INTAKE UNIT FOR A WIND TURBINE AND WIND TURBINE

Title (de)

LUFTANSAUGEINHEIT FÜR EINE WINDTURBINE SOWIE WINDTURBINE

Title (fr)

UNITÉ D'ADMISSION D'AIR POUR UNE ÉOLIENNE ET ÉOLIENNE

Publication

EP 3869036 A1 20210825 (EN)

Application

EP 20158992 A 20200224

Priority

EP 20158992 A 20200224

Abstract (en)

Air intake unit for a wind turbine (1), comprising one or more filters (10), a lifting arrangement (18) and a housing (13) with a bottom plate (9), wherein the lifting arrangement (18) comprises at least one lifting means (19) pivotably moveable relative to the housing (13), wherein at least one of the filters (10) is coupled to the lifting means (19), wherein the lifting means (19) is pivotable between a first position, in which the at least one filter (10) coupled to the lifting means is arranged on the bottom plate (9) of the housing, and a second position, in which the filter (10) is lifted from the bottom plate (9).

IPC 8 full level

F03D 80/50 (2016.01); **B01D 46/00** (2006.01); **F03D 80/60** (2016.01)

CPC (source: EP)

F03D 80/60 (2016.05); **B01D 46/0005** (2013.01); **B01D 46/023** (2013.01); **F03D 80/00** (2016.05); **F03D 80/50** (2016.05); **F05B 2260/63** (2013.01); **F05B 2260/64** (2013.01); **Y02E 10/72** (2013.01)

Citation (search report)

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- [X] CN 108479223 A 20180904 - SHANGHAI CREDY INTELLIGENT TECH CO LTD
- [A] CN 209539513 U 20191025 - JIANGSU SANSI WIND POWER TECH CO LTD
- [A] CN 201141664 Y 20081029 - NINGBO HICON INDUSTRY CO LTD [CN]
- [A] EP 3546047 A1 20191002 - FILTRATION GROUP GMBH [DE]

Designated contracting state (EPC)

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BA ME

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